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MONTANA OIL AND GAS
STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
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Vol. XIX, No. 7 — JULY, 1971

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1971 averaged 93,197 barrels daily, a decrease of 3,213 barrels from the average June 1971 production of 96,410.

The nine refineries in the state processed 138,678 barrels of crude oil daily for the month of July, 1971, an increase of 6,923 barrels from the 131,755 barrels processed daily during the month of June, 1971.

During July, 38 wells were completed, 6 oil, 4 gas and 28 dry holes.

During July the commission issued 49 permits to drill new wells, a decrease of 2 from the 51 permits issued during June.

SUMMARY OF CRUDE PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1971

IN STORAGE JULY 1st	
By Producers	300,381
By Transporters	1,375,187
By Refiners	1,097,959
TOTAL STORAGE	2,773,527
Produced in Montana During Month	2,889,099
Imported During Month	3,489,541
TOTAL	9,152,167
DISPOSITION:	
Refined in Montana	4,299,034
Exported	2,258,654
Used for Fuel or Lost	7,440
TOTAL	6,565,128
IN STORAGE JULY 31st	
By Producers	293,971
By Transporters	1,348,963
By Refiners	944,105
TOTAL STORAGE	2,587,039

NATURAL GAS WITHDRAWALS IN MONTANA
Month of July, 1971

Field	M. Cu. Ft.
Bell Creek	205,077
Big Coulee	36,282
Blackjack	24,456
Bowdoin	51,783
Bowes	29,205
Cabin Creek	96,460
Cedar Creek	115,163
Cut Bank (including Reagan)	776,350
Dry Creek	14,621
Elk Basin	48,693
Flat Coulee	14,504
Gold Butte	— 0 —
Grandview	— 0 —
Hardin	2,650
Keith Block	132,189
Kevin Sunburst	23,195
Lake Basin	14,230
Middle Butte	2,253
Mt. Lilly	6,955
Pine	50,894
Plevna	5,425
Tiger Ridge—Squaw Coulee	139,455
Trail Creek	19,826
Utopia	— 0 —
Whitlash	76,188
Miscellaneous	179,873
TOTAL	2,065,727

Total Withdrawals for July, 1970 were 2,489,273.

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PRODUCERS REPORT — MONTH OF JULY, 1971

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Loss or Gain	Storage End of Month
3	Ash Creek	3	142	1,870		1,837		175
1	Bainville	1	3,094	4,030		4,060		3,064
2	Bannatyne	2	573	55	362			266
—	Bascom		165					165
4	Bear's Den	5	2,717	977		1,843		1,851
45	Bell Creek	332	33,146	493,337	494,559			31,924
—	Benrud		49					49
2	Benrud East	2	1,278	12,354	12,895			737
1	Benrud Northeast	1	431	2,298	1,956			773
1	Berthelote	1	558	40	421			183
6	Big Wall	20	1,387	9,239	9,339			1,287
5	Blackfoot	6	1,182	2,335	2,235			1,282
4	Border	5	2,281	682		197		2,766
1	Bowes	39	2,521	11,418	11,639			2,300
1	Bradley	1	320	623	614			329
3	Brady	3	220	410	410		100	120
4	BrorsonMadison	4	1,067	4,458		4,491		1,034
6	Brorson-Red River	6	4,253	14,551		14,088		4,716
3	Brorson-Red River South	3	1,844	8,179		8,033		1,990
6	Brush Lake	6	1,020	42,394	40,928		19	2,467
2	Cabin Creek	93		292,412	292,412			
1	Canal	1	854	9,670		9,863		661
12	Cat Creek	58	2,187	16,076	14,462	1,140		2,661
1	Clark's Fork	1	16	131				147
1	Clark's Fork South	1	391	618		913		96
3	Conrad South	3	100	967	967			100
2	Cow Creek	2	478	1,955		2,063		370
1	Culbertson	1	273	1,546		1,148		671
2	Cupton	2	1,543	2,802		2,558		1,787
131	Cut Bank	878	51,916	470,664	470,435	602	635	50,908
—	Dean Dome		65					65
1	Deer Creek	1	468	1,324	1,295			497
1	Delphia	1	580	278		599		259
4	Devil's Basin	6	671	1,579	1,623			627
2	Dwyer	14	3,791	22,911	23,950			2,752
3	Elk Basin	49	800	151,962	151,979			783
5	Elk Basin Northwest	9	8,354	7,212	7,273			8,293
6	Fairview	9	7,688	42,641	14,384	28,377		7,568
2	Fertile Prairie	2	577	1,691		1,795		473
9	Flat Coulee	27	4,412	7,975	7,987		501	3,899
42	Flat Lake	52	4,523	49,820	49,759			4,584
6	Flat Lake South	6	921	10,223	10,137			1,007
1	Fort Gilbert	2	1,029	15,989	15,585			1,433
1	Frannie	1		2,635	2,635			
18	Fred and George Creek	35	2,692	26,005	25,619			3,078
1	Gage	1	263	210		365		108
3	Gas City	17	4,632	25,336	19,181	5,226		5,561
2	Girard	2	726	4,274		3,891		1,109
11	Glendive	15	3,043	27,152	28,101			2,094
28	Goose Lake	34	4,634	36,841	35,791			5,684
9	Graben Coulee	18	4,327	3,892	2,347	2,230		3,642
2	Gypsy Basin	2	944	769	769			944
1	Hay Creek-Mission Canyon	1	134	1,721	1,801			54
2	Hay Creek-Red River	2	712	13,838	14,110			440
5	Hiawatha	5	2,103	8,235	7,054			3,284
1	Hibbard	1	935	522		610	211	636
1	Injun Creek	1	1,011	315		620		706
6	Ivanhoe	11	3,058	5,803	5,974		432	2,455
2	Jim Coulee	2	816	5,037	3,933			1,920
4	Keg Coulee	18	4,236	12,183	12,619			3,800
2	Keg Coulee North	2	712	561	439			834
1	Kelley	5	496	4,816	4,854			458
75	Kevin Sunburst	340	6,830	26,335	21,830	4,581	517	6,237
8	Laird Creek	10	414	3,723		3,459	8	670
3	Leary	3	1,220	5,939		5,720	5	1,434
1	Little Beaver	23		36,883	36,883			
2	Little Beaver East *	11	2,023	12,630	12,634			2,019
1	Little Wall Creek	1	1,026	4,390	4,303			1,113
1	Lodge Grass	1	493	1,044		1,279		258
2	Lone Tree Creek	2	1,547	30,502		30,479		1,570
3	Lookout Butte (Coral Creek)	31	841	65,821	66,024			638
1	Mason Lake	1	140	607	346			401
2	Melstone	3	644	1,806	1,774			676
1	Mineral Bench	1	591	553	804			340
1	Miner's Coulee	1	107	251		251		107
11	Monarch	14	5,439	16,687	13,395	4,530		4,201
4	Mosser	4		935		935		
1	Otis Creek	1	1,122	4,262		4,878		506
6	Outlook	8	3,850	23,488	21,781			5,557
1	Outlook South	1	771	1,081	873			979
2	Outlook West	2	1,514	2,629	2,574			1,569
1	Pennel-Lookout Butte	113		141,343	141,343			
4	Pine	116	17,548	224,422	224,538			17,432
62	Pondera	374	7,362	24,901	26,635			5,628
8	Poplar	64	9,209	53,756	55,098		119	7,748
3	Poplar Northwest	3	1,622	1,587	2,297			912
1	Prairie Elk	1	975	150				1,125
2	Pritchard Creek	2	167	1,012	1,012			167
4	Raggel Point	12	2,049	6,224	5,841			2,432
2	Rattlesnake Coulee	2	678	495	796			377
2	Reagan	44	417	18,307	18,224			500
1	Red Creek	21		16,732	16,732			
1	Red Fox	1	271	632	655			248
1	Redstone	1	242	2,323	2,238			327
1	Repeat	1	180	1,545		1,489		236
4	Reserve	5		7,310	7,310			
1	Richey	1	223	734	635			322
1	Richey Southwest	1		2,706	2,112			594
—	Rough Creek		266					266
1	Rush Mountain	1	326	1,842	1,815			353
2	Salt Lake	2	402	3,207		3,125		484
5	Sand Creek	8	3,643	5,524	5,558			3,609
—	Shotgun Creek		248					248
1	Sidney	1	50	600		600	50	
1	Snyder	4	276	706		719		263
7	Soap Creek	19	2,484	7,275		7,894		1,865
1	Spring Lake	2	1,451	2,605		2,529		1,527
1	Stensvad	5	2,597	40,494	41,247			1,844
11	Sumatra	71	5,486	63,070	63,095			5,461
5	Tule Creek	6	3,059	24,021	25,154			1,926
2	Tule Creek East	2	431	8,732	4,844	3,879		440
2	Tule Creek South	3	2,379	3,467	3,880		33	1,933
2	Vida	2	420	1,112		1,267		265
2	Volt	4	1,617	11,550	10,970			2,197
2	Weed Creek	3	415	3,030	3,008		5	432
3	Weldon	6	985	15,005	15,145			845
1	West Butte	1		2,784		2,784		
18	Whitlash	44	7,190	11,044	11,356		1	6,877
1	Whitlash West	1	611	219	408			422
4	Willow Creek North	4	818	4,406	4,562			662
2	Wills Creek South	2		3,326	3,326			
6	Wolf Springs	9	3,016	4,332	4,098			3,250
2	Woodrow	2	115	1,156	906			365
5	Wright Creek	5	1,645	2,903	2,594			1,954
—	Wildcat, Blaine Cty		157					157
—	Wildcat, Carbon Cty.		310					310
1	Wildcat, Daniels Cty.	1	337	1,359		1,300		396
4	Wildcat, Fallon Cty.	4	1,399	11,873		11,504		1,768
2	Wildcat, Glacier Cty.	5	1,274	941	1,258			957
1	Wildcat, Liberty Cty.	1	455	62				517
4	Wildcat, Richland Cty.	4	992	6,570		6,193		1,369
1	Wilcat, Roosevelt Cty.	1	653	2,292		2,185		760
762	Total	3,274	300,381	2,889,099	2,694,744	198,129	2,636	293,971

Total Oil Produced & Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1970	37,878,697	103,777	37,825,275	103,705
First Quarter, 1971	8,927,663	99,196	8,923,130	99,146
Second Quarter, 1971	8,684,548	95,435	8,715,304	95,773
July, 1971	2,889,099	93,197	2,892,873	93,318

Oil In Storage	In Producers Field Tanks	In Transporters Storgae	In Refiners Storage ‡	Total Oil In Storage ‡
December, 1970	336,076	1,501,692	1,002,035	2,839,803
March, 1971	334,585	1,128,200	766,138	2,228,923
June, 1971	300,381	1,375,187	1,097,959	2,773,527
July, 1971	293,971	1,348,963	944,105	2,587,039

* Montana Oil Only ‡ Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JULY, 1971

	Storage First of Month	Oil Received By: Pipeline	Oil Received By: Truck	Oil Received By: Connecting Carrier	Loss or (Gain)	Oil Shipped To: Montana	Oil Shipped To: Other States	Oil Shipped To: Connecting Carrier	Storge End of Month
ASH CREEK—									
Western Crude Oil, Inc.			1,837				1,837		
BAINVILLE—									
Rock Island Oil & Ref. Co.			4,060				4,060		
BEAR'S DEN—Truck			1,843				1,843		
BELL CREEK—Pipeline	80,885	494,559					263,799	222,162	89,483
BIG WALL—									
Continental Pipeline Co.		9,339				9,339			
BLACKFOOT—									
Camerland Cardinal Corp.		2,235						2,235	
BORDER—Permian Corp.			197					197	
BOWES—Texaco Inc.		11,640				11,640			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Rock Island Oil & Ref. Co.			26,612					26,612	
BRUSH LAKE—									
Portal Pipeline Co.		40,128					40,128		
CABIN REEK & OTHERS*—									
Butte Pipeline Co.	345,475	703,385	18,674	707,444			1,393,925		381,051
Shell Pipeline Co.	2,136	277,627			(238)			277,301	2,700
	347,609	981,012	18,674	707,444	(238)		1,393,925	277,301	383,751
CANAL—									
Rock Island Oil & Ref. Co.			9,863				9,863		
CAT CREEK—									
Continental Pipeline Co.		14,460				14,460			
Truck			1,140			1,140			
		14,460	1,140			15,600			
CLARK'S FORK AND CLARK'S FORK SOUTH—									
Permian Corp.			913				913		
COW CREEK—									
Western Crude Oil, Inc.			2,063				2,063		
CULBERTSON—									
Spruce Oil Co.			1,148				1,148		
CUT BANK—									
Continental Pipeline Co.			12,098	483,891			495,989		
Phillips Petroleum Co.	74,326	191,160			3,387	153,422		66,531	42,146
Texas Pipeline Co.	18,707	51,135		89,415	275			141,260	17,722
Union Oil Co.	88,985	62,238			(48)	91,179			60,092
Western Oil Trans. Co.		80,111						80,111	
Western Oil Trans. Co. (Moulton)		102,038						102,038	
	182,018	486,682	12,098	573,306	3,614	244,601	495,989	389,940	119,960
DELPHIA—Truck			599			599			
DWYER—Portal Pipeline Co.		23,949					23,949		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		157,758				157,758			
FAIRVIEW—									
Fairview Pipeline Co.		14,384					14,384		
Rock Island Oil & Ref. Co.			28,377				28,377		
		14,384	28,377				42,761		
FLAT COULEE—									
Camerland Cardinal Corp.		7,295				7,295			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		54,575					54,575		
FT. GILBERT—									
Fairview Pipeline Co.		15,580					15,580		
FRANNIE—Interstate Pipeline Co.		2,635					2,635		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	17,827	27,245				29,857			15,215
GAGE—Truck			365			365			
GIRARD—									
Rock Island Oil & Ref. Co.			3,891				3,891		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,356	26,561			(254)			25,629	6,542
GOOSE LAKE—									
Portal Pipeline Co.		32,388					32,388		
HAY CREEK—									
Fairview Pipeline Co.		15,910					15,910		
HIAWATHA—									
Continental Pipeline Co.		7,054					7,054		
HIBBARD—Truck			610			610			
INJUN CREEK—Permian Corp.			620				620		
IVANHOE—									
Continental Pipeline Co.		5,974				5,974			
JIM COULEE—									
Continental Pipeline Co		3,933					3,933		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		13,304				13,304			
KELLEY—									
Continental Oil Co.		4,854				4,854			
KEVIN SUNBURST—									
Big West Oil Co.	6,831	15,519				14,814			7,536
Homestake Oil & Gas Co.	3,385	2,433				1,842			3,976
Texas Pipeline Co.	6,993	10,736		3,394	(114)			14,751	6,486
	17,209	28,688		3,394	(114)	16,656		14,751	17,998
LEARY—Permian Corp.			5,720				5,720		
LITTLE WALL CREEK—									
Continental Pipeline Co.		4,562					4,562		
LODGE GRASS—Permian Corp.			1,279			1,279			
LONE TREE CREEK—									
Rock Island Oil & Ref. Co.			30,479					30,479	
MASON LAKE—									
Continental Pipeline Co.		346				346			
MELSTONE—									
Continental Oill Co.		1,774				1,774			
MOSSER—Permian Corp.			935				935		
OTIS CREEK—									
Western Crude Oil, Inc.			4,878				4,878		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		25,231					25,231		
PONDERA—									
Phillips Petroleum Co.	22,217	29,499			609	22,938			28,169
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	16,015	79,260			(176)			75,919 ‡	19,532
RAGGED POINT—									
Continental Pipeline Co.		5,841				5,841			
RED CREEK—									
Western Oil Transportation Co		17,141						17,141	
RESERVE—Portal Pipeline Co.		7,499					7,499		
RUSH MOUNTAIN—									
Sinclair Refining Co		1,815					1,815		
SALT LAKE—									
Rock Island Oil & Ref. Co.			3,125				3,125		
SIDNEY—									
Western Crude Oil, Inc.			600				600		
SNYDER—Permian Corp.			719			719			
SOAP CREEK—Permian Corp.			7,894				7,894		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,529				2,529		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	683,810	104,052		2,273,951	242	91,734		2,305,766	664,071
TULE CREEK—									
Spruce Oil Co.	2,241	33,878				31,977			4,242
Permian Corp.			3,879			3,879			
	2,241	33,878	3,879			35,756			4,242
WEED CREEK—									
Continental Pipeline Co.		3,008				3,008			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		13,138				9,300		3,838	
WILLOW REEK NORTH—									
Continental Pipeline Co.		4,303						4,303	
WOLF SPRINGS—									
Continental Pipeline Co.		4,098				4,098			
WILDCAT WELLS—Truck			21,182				21,182		
TOTAL	1,375,187	2,817,587	198,129	3,558,095	[illegible]93	695,245	2,504,834	3,396,273	1,348,963

* Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver [illegible]ut Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South [illegible]d to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1971

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Ref. Co.	Total
Big Wall		9,339								9,339
Bowes			26,353							26,353
Cat Creek		2,690		14,813		2,729				20,232
Cut Bank	54,838						142,370		140,500	337,708
Delphia						1,034				1,034
Elk Basin		59,387		51,007	47,364					157,758
Flat Coulee									7,295	7,295
Fred & George Creek	29,857									29,857
Gage &Gage Southwest						231				231
Hibbard						1,228				1,228
Ivanhoe		5,974								5,974
Keg Coulee		2,902		10,155						13,057
Kelley					4,854					4,854
Kevin Sunburst	16,656									16,656
Lodge Grass		1,279								1,279
Mason Lake		346								346
Melstone				1,774						1,774
Pondera							26,075			26,075
Ragged Point				5,481						5,481
Snyder		719								719
Sumatra & Stensvad		18,882		31,605	11,350					61,837
Tule Creek								64,000		64,000
Weed Creek					3,008					3,008
Whitlash							9,300			9,300
Wolf Springs					4,098					4,098
Total Montana Oil	101,351	101,518	26,353	114,835	70,674	5,222	177,745	64,000	147,795	809,493
Canadian Oil Imported		506,400		480,822	245,562					1,232,784
Wyoming Oil Imported		759,275		404,446	1,093,036					2,256,757
Total Montana, Canadian and Wyoming Oil	101,351	1,367,193	26,353	1,000,103	1,409,272	5,222	177,745	64,000	147,795	4,299,034

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1970	24,878	25,744	65,351	115,973
July, 1970	26,513	22,847	76,797	126,157
July, 1971	26,113	39,767	72,798	138,678

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1970	21.45%	22.20%	56.35%
July, 1970	21.02%	18.11%	60.87%
July, 1971	18.83%	28.67%	52.50%